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- (71) Applicant (*for all designated States except US*): **MARCONI UK INTELLECTUAL PROPERTY LTD**
[GB/GB]; New Century Park, P.O. Box 53, Coventry CV3 1HJ (GB).
- (72) Inventor; and
- (75) Inventor/Applicant (*for US only*): **MARTIN, James, Benedict** [GB/GB]; 369 Lower Park Street, Cambridge CB5 8AR (GB).
- (74) Agent: **COCKAYNE, Gillian**; Marconi Intellectual Property, Marrable House, The Vineyards, Great Baddow, Chelmsford, Essex CM2 7QS (GB).
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(54) Title: **ALLOCATING CONNECTIONS IN A COMMUNICATION SYSTEM**

(57) **Abstract:** Dynamic allocation of connections in a communication network. When a new connection request is received by the network management system this request can be accepted or rejected. In case it is accepted the connection can be set up by allocating new or reconfiguring existing connection resources. The reconfiguration options are constrained to a set of allowed reconfigurations which is a subset of the set of all possible reconfigurations of the existing connections on the network.

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